Technical Specification Group Services and System Aspects Meeting #24, Seoul, KOREA, 07-10 June 2004

Source: SA5 (Telecom Management)

Title: 4 Rel-99 CR 32.104 (3G Performance Management), Rel-4/5/6 CR

32.401 (PM Concept and requirements)

Document for: Decision

Agenda Item: 7.5.3

Doc-1st-	Spec	CR	R	Phas	Subject	Cat	Ver	Doc-2nd-	Workitem
SP-040265	32.104	013	-	R99	Correction in requirement for granularity periods	F	3.7.0	S5-048353	OAM-PM
SP-040265	32.401	013	-	Rel-4	Correction in requirement for granularity periods	A	4.3.0	S5-048350	OAM-PM
SP-040265	32.401	014	-	Rel-5	Correction in requirement for granularity periods	A	5.2.0	S5-048351	OAM-PM
SP-040265	32.401	015	-	Rel-6	Correction in requirement for granularity periods	A	6.1.0	S5-048352	OAM-PM

CR-Form-v7 CHANGE REQUEST # 32.104 CR 013 # rev - # Current version: 3.7.0

For HELP on using this form, see bottom of this page or look at the pop-up text over the \$\pi\$ symbols.

Proposed change affects: UICC apps\$\pi\$ ME Radio Access Network X Core Network X

Title: \$\pi\$ Correction in requirement for granularity periods

Source: \$\pi\$ SA5 (mohanr@lucent.com)

Work item code: \$\pi\$ OAM-PM

Date: \$\pi\$ 14/05/2004

Category: \mathfrak{R} Release: # R99 Use one of the following categories: Use one of the following releases: **F** (correction) (GSM Phase 2) 2 A (corresponds to a correction in an earlier release) R96 (Release 1996) **B** (addition of feature). R97 (Release 1997) **C** (functional modification of feature) (Release 1998) R98 **D** (editorial modification) R99 (Release 1999) Detailed explanations of the above categories can Rel-4 (Release 4) be found in 3GPP TR 21.900. Rel-5 (Release 5) Rel-6 (Release 6)

The statement in Sec 5.2.1.3 gives the impression that for a given measurement type, the granularity period has to *necessarily* have all the mentioned values. This is however **not** the intention of that statement. The intent of the statement is to specify a valid range of values for granularity period and a measurement can have **any** of those specified values.

Summary of change:
In Sec 5.2.1.3, replace the word "Required" with "Valid".

Consequences if not approved, there is a danger that a customer may potentially demand that all the granularity periods be supported for a given measurement type. The word "required" in that statement leads one to make this incorrect interpretation. An incorrect interpretation of this type could lead to a potential non-compliance of the PM specification for a vendor.

Change in Clause 5.2.1.3

5.2.1.3 Granularity period

The granularity period is the time between the initiation of two successive gatherings of measurement data. Required Valid values for the granularity period are 5 minutes, 15 minutes, 30 minutes, 1 hour. The minimum granularity period is 5 minutes in most cases, but for some measurements it may only make sense to collect data in a larger granularity period. The granularity period shall be synchronised on the full hour, but its value is not required to be changeable during the lifetime of the job.

End of Change in Clause 5.2.1.3 End of Document

Annex E (informative): Change history

	Change history											
Date	TSG#	TSG Doc.	CR	Rev	Subject/Comment	Old	New					
Dec 1999	S_06	SP-99579			Approved at TSG SA #6 and placed under Change Control		3.0.0					
Mar 2000	S_07	SP-000016	001		Reduction of measurement job advance period	3.0.0	3.1.0					
Mar 2000	S_07	SP-000016	002		PM file format - ASN.1 description	3.0.0	3.1.0					
Mar 2000					Cosmetic	3.1.0	3.1.1					
Jun 2000	S_08	SP-000231	003		Measurement definition template	3.1.1	3.2.0					
Jun 2000	S_08	SP-000232	004		Inclusion of XML file format definition	3.1.1	3.2.0					
Jun 2000	S_08	SP-000233	005		Example of XML file format for PM result files	3.1.1	3.2.0					
Jun 2000	S_08	SP-000234	006		Addition of missing abbreviations	3.1.1	3.2.0					
Sep 2000	S_09	SP-000434	007		Clarification of the table oriented structure of the file format, and	3.2.0	3.3.0					
					addition of ASN.1 example, according to annex D							
Dec 2000	S_10	S5-000479	800		Clarification of measurement definition template	3.3.0	3.4.0					
Dec 2001	S_14	SP-010638	010		Correction of declaration in XML header	3.4.0	3.5.0					
Jun 2003	S_20	SP-030291	011		Remove ambiguity in NE file generation behaviour in case of	3.5.0	3.6.0					
					multiple granularity periods							
Mar 2004	S_23	SP-040133	012		Correction of XML Measurement Report File format example	3.6.0	3.7.0					

Other comments: # Rel-4 mirror CR to S5-048353.

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Change in Clause 5.4.1.4

5.4.1.4 Granularity period

The granularity period is the time between the initiation of two successive gatherings of measurement data. Required Valid values for the granularity period are 5 minutes, 15 minutes, 30 minutes, 1 hour. The minimum granularity period is 5 minutes in most cases, but for some measurements it may only make sense to collect data in a larger granularity period. The granularity period shall be synchronised on the full hour, but its value is not required to be changeable during the lifetime of the job.

End of Change in Clause 5.4.1.4 End of Document

Annex D (informative): Change history

	Change history											
Date	TSG#	TSG Doc.	CR	Rev	Subject/Comment	Old	New					
June 2001	S_12	SP-010237			Submitted to TSG SA #12 for Information.		1.0.0					
June 2001					MCC editorials	1.0.0	1.0.1					
Sep 2001	S_13	SP-010467			Submitted to TSG SA #13 for Approval	2.0.0	4.0.0					
Dec 2001	S_14	SP-010638	001		Correction of declaration in XML header	4.0.0	4.1.0					
Sep 2002	S_17	SP-020501	002		Alignment with CM TSs of measurement file parameter descriptions and examples	4.1.0	4.2.0					
Jun 2003	S_20	SP-030291	005		Clarification of NE file generation behaviour in case of multiple granularity periods	4.2.0	4.3.0					
Jun 2003	S_20	SP-030291	007		Correction of Measurement Result File Name Definition for alignment with Windows based systems	4.2.0	4.3.0					
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Change in Clause 5.4.1.4

5.4.1.4 Granularity period

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June 2001					MCC editorials	1.0.0	1.0.1					
Sep 2001	S_13	SP-010467			Submitted to TSG SA #13 for Approval	2.0.0	4.0.0					
Dec 2001	S_14	SP-010638	001		Correction of declaration in XML header	4.0.0	4.1.0					
Mar 2002	S_15				Automatic upgrade to Rel-5 (no Rel-5 CR)	4.1.0	5.0.0					
Sep 2002	S_17	SP-020502	003		Description of Alarm IRP usage for performance alarms	5.0.0	5.1.0					
Sep 2002	S_17	SP-020502	004		Addition of measurement file XML schema and miscellaneous alignments with CM	5.0.0	5.1.0					
Jun 2003	S_20	SP-030291	006		Clarification of NE file generation behaviour in case of multiple granularity periods	5.1.0	5.2.0					
Jun 2003	S_20	SP-030291	800		Correction of Measurement Result File Name Definition for alignment with Windows based systems	5.1.0	5.2.0					

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Rel-6 mirror CR to S5-048353

Other comments:

Change in Clause 5.4.1.4

5.4.1.4 Granularity period

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Jun 2003	S_20	SP-030291	006		Clarification of NE file generation behaviour in case of multiple granularity periods	5.1.0	5.2.0				
Jun 2003	S_20	SP-030291	800		Correction of Measurement Result File Name Definition for alignment with Windows based systems	5.1.0	5.2.0				
Sep 2003	S_21	SP-030430	009		Addition of "jobId" and "reportingPeriod" parameters in the file format definition	5.2.0	6.0.0				
Sep 2003	S_21	SP-030430	010		Removal of measurement job state and status attributes	5.2.0	6.0.0				
Sep 2003	S_21	SP-030430	011		Refinement of the conditions for setting "suspect flag"	5.2.0	6.0.0				
Dec 2003	S_22	SP-030755	012	1	Add requirements for Measurement Job overload management	6.0.0	6.1.0				